

CLAIM AMENDMENTS

1. (currently amended) A locking system for use with a storage container, ~~the locking system integral with a door of the cargo storing container, the locking system~~ comprising:

a housing mounted to ~~and extending through the~~ a door, the door having an interior side and an exterior side,

two rods extending from the housing on the interior side of the door, the rods having a locked position ~~extending beyond the periphery of the door~~ and an unlocked position ~~not extending beyond the periphery of the door~~, each of the two rods having at least one tapered edge on the inside edge ~~extending beyond the periphery of the door in the locked position~~,

two rod receivers, each rod receiver corresponding to one of the two rods, the two rod receivers adapted to receive ~~the tapered edges of the two rods in the locked position, the tapered edges~~ engaging the two rod receivers thereby acting to seal the door ~~tightly~~ in the locked position,

a handle ~~recessed behind the housing on~~ accessible from the exterior side of the door, the handle ~~rotatably engaging a cam plate contained~~ controlling a linkage within the housing, the ~~cam plate~~ linkage being operatively engaged with the ~~three~~

two rods, the handle ~~rotating the cam plate~~ causing the linkage to move the rods from one of the locked position and the unlocked position to the other of the locked position and the unlocked position.

2. (currently amended) The locking system of claim 1 wherein each of the two rods ~~have three tapered edges positioned on the inside and lateral edges of the two rods, the three tapered edges engaging corresponding tapered sides of the rod receivers to generate a force pulling the door inwardly when in the locked position~~ has at least one tapered edge.

3. (currently amended) The locking system of claim 1 further comprising a gasket positioned ~~about the periphery of the door, the inward force on the door acting~~ to create a seal between the interior and the exterior of the door.

4. (currently amended) The locking system of claim 1 wherein the housing ~~is box like in shape with~~ has a front panel ~~being integral with the door, the front panel~~ adapted to flush mount to the exterior of a door with the housing extending inwardly therefrom.

5. (currently amended) The locking system of claim 1 wherein said linkage includes and axle and a cam plate, the handle rotatably engages ~~an~~ the axle ~~recessed behind the housing,~~ and the axle operatively engaging the cam plate to which the two rods are mounted.

6. (currently amended) The locking system of claim ~~4~~ 5 wherein the handle is mounted to the axle by a weld whereby said handle separates from the axle if excessive force is exerted on the handle.

7. (currently amended) The locking system of claim 1 wherein the two rods are mounted to the ~~cam plate~~ linkage at two corners thereof, the handle rotating the ~~cam plate~~ linkage to move between the locked position and the unlocked position.

8. (original) The locking system of claim 1 further comprising rod guides mounted proximate to the periphery of the door, the rod guides adapted to align the rods with the rod receivers.

9. (currently amended) The locking system of claim 1 wherein both of the two locking rods must be ~~compromised~~ must be disengaged from the rod receivers to gain access to the container.

10. (currently amended) The locking system of claim 1 further comprising anti-torque spacers ~~interposed between adjacent the cam plate linkage and the housing~~ to maintain the ~~cam plate linkage and the housing~~ in a parallel relationship with the plane of the door.

11. (original) A locking system for use with a storage container, the locking system integral with a door of the cargo storing container, the locking system comprising:

a housing mounted to and extending through a door,

two rods extending from the housing, the rods having a locked position extending beyond the periphery of the door and an unlocked position not extending beyond the periphery of the door, each of the two rods having at least one tapered edge on the inside edge extending beyond the periphery of the door in the locked position,

two rod receivers, each rod receiver corresponding to one of the two rods, the two rod receivers adapted to receive the tapered edges of the two rods in the locked position, the tapered edges engaging the two rod receivers thereby acting to seal the door tightly in the locked position,

a handle recessed behind the housing, the handle rotatably engaging a cam plate contained within the housing, the cam plate being operatively engaged with the two rods, the handle rotating the cam plate to move the rods from one of the locked position and the unlocked position to the other of the locked position and the unlocked position,

a locking tab extending forwardly from the cam plate into a recess in the housing, the locking tab adapted to be engaged by a circular lock, the recess being sized to engage the circular lock and thereby prevent movement of the circular lock and the locking tab when said circular lock is engaged by the locking tab whereby the integrity of the locking system is not dependent upon the integrity of the locking tab.

12. (original) The locking system of claim 11 wherein the locking tab includes a circular lock hole extending therethrough, the hasp of the circular lock extending through the circular lock hole.

13. (original) The locking system of claim 11 wherein the locking tab extends through an arcuate gap into the recess, the ends of the arcuate gap providing stops for the locking tab, the stops defining the unlocked position and the locked position.

14. (original) A locking system for use with a storage container, the locking system being mounted into a door of the cargo storing container, the locking system comprising:

a housing mounted to and extending through a door, a gasket positioned about the periphery of the door,

two rods extending from the housing, the rods having a locked position extending beyond the periphery of the door and an unlocked position not extending beyond the periphery of the door, each of the two rods having three tapered edges positioned on the inside and lateral edges of the two rods extending beyond the periphery of the door in the locked position, the three tapered edges engaging the rod receivers to generate a force pulling the door inwardly when in the locked position,

two rod receivers, each rod receiver corresponding to one of the two rods, the two rod receivers adapted to receive the tapered edges of the two rods in the locked position, the tapered edges engaging the two rod receivers thereby acting to create a seal using the gasket between the interior and the exterior of the door,

a handle recessed behind the housing, the handle rotatably engaging a cam plate contained within the housing, the cam plate being operatively engaged with the two rods, the handle rotating the cam plate to move the rods from one of the locked position and the unlocked position to the other of the locked position and the unlocked position,

a locking tab extending forwardly from the cam plate into a recess in the housing, the locking tab adapted to be engaged by a circular lock, the recess being sized to engage the circular lock and thereby prevent movement of the circular lock and the locking tab when said circular lock is engaged by the locking tab whereby the integrity of the locking system is not dependent upon the integrity of the locking tab.

15. (original) The locking system of claim 14 wherein the locking tab includes a circular lock hole extending therethrough, the hasp of the circular lock extending through the circular lock hole.



16. (original) The locking system of claim 14 wherein the locking tab extends through an arcuate gap into the recess, the ends of the arcuate gap providing stops for the locking tab, the stops defining the unlocked position and the locked position.

17. (original) The locking system of claim 14 wherein the handle rotatably engages an axle recessed behind the housing, the axle engaging the cam plate.

18. (original) The locking system of claim 17 wherein the handle is mounted to the axle by a weld whereby said handle separates from the axle if excessive force is exerted on the handle.

19. (original) The locking system of claim 14 further comprising rod guides mounted proximate to the periphery of the door, the rod guides adapted to align the rods with the rod receivers.

20. (original) The locking system of claim 14 further comprising anti-torque spacers interposed between the cam plate and the housing to maintain the cam plate and the housing in a parallel relationship.

21. (new) The locking system of claim 2 wherein each of the two rod receivers is adapted to received the tapered edges of the two rods.

22. (new) The locking system of claim 1 wherein each of the two rods has three tapered edges positioned on the inside and lateral edges of the two rods, the three tapered edges engaging the rod receivers to generate a force pulling the door inwardly in the locked position.

23. (new) A locking system for use with a storage container, comprising:

a housing mounted to a door, the door having an interior side and an exterior side,

at least one rod extending from the housing on the interior side of the door, the at least one rod having a locked position and an unlocked position,

at least one rod receiver corresponding to the at least one rod, the at least one rod receiver adapted to receive the at least one rod in the locked position, the at least one rod receiver thereby acting to seal the door in the locked position,

a handle accessible from the exterior side of the door, the handle controlling a linkage within the housing, the linkage being operatively engaged with the at least one rod, the handle causing the linkage to move the at least one rod from one of the locked position and the unlocked position to the other of the locked position and the unlocked position.

24. (new) The locking system of claim 23 wherein each of the at least one rod has at least one tapered edge.

25. (new) The locking system of claim 24 wherein each of the at least one rod receiver is adapted to received the tapered edges of corresponding at least one rod.

26. (new) The locking system of claim 23 wherein each of the at least one rod has three tapered edges positioned on the inside and lateral edges of the at least one rod, the three tapered edges engaging the corresponding at least one rod receiver to generate a force pulling the door inwardly in the locked position.

25. (new) The locking system of claim 23 further comprising a gasket positioned to create a seal between the interior and the exterior of the door.

26. (new) The locking system of claim 23 wherein the housing has a front panel adapted to flush mount to the exterior of a door with the housing extending inwardly therefrom.

27. (new) The locking system of claim 1 wherein said linkage includes an axle and a cam plate, the handle rotatably engages the axle and the axle operatively engaging the cam plate to which the at least one rod is mounted.

28. (new) The locking system of claim 23 wherein the handle is mounted to the axle by a weld whereby said handle separates from the axle if excessive force is exerted on the handle.

29. (new) The locking system of claim 23 wherein the at least one rod is mounted to the linkage at two corners thereof, the handle rotating the linkage to move between the locked position and the unlocked position.

30. (new) The locking system of claim 23 further comprising rod guides mounted proximate to the periphery of the door, the rod guides adapted to align the rods with the rod receivers.

31. (new) The locking system of claim 23 wherein both of the two locking rods must be disengaged from the rod receivers to gain access to the container.

32. (new) The locking system of claim 23 further comprising anti-torque spacers adjacent the linkage to maintain the linkage in a parallel relationship with the plane of the door.